

import sasxport8 — Import and export data in SAS XPORT Version 8 format

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Description

`import sasxport8` and `export sasxport8` import and export data from and to SAS XPORT Version 8 Transport format.

To import and export datasets from and to SAS XPORT Version 5 Transport format, see [\[D\] import sasxport5](#).

Quick start

Load the contents of `mydata.v8xpt` into memory, replacing the data in memory

```
import sasxport8 mydata, clear
```

Same as above, but read variable names as lowercase

```
import sasxport8 mydata, clear case(lower)
```

Save data in memory to `mydata.v8xpt`, replacing the existing file

```
export sasxport8 mydata, replace
```

Save `v1` and `v2` to `mydata.v8xpt`, and save their corresponding value labels in a SAS command file, `mydata.sas`

```
export sasxport8 v1 v2 using mydata, replace vallabfile
```

Menu

import sasxport8

File > Import > SAS XPORT Version 8 (*.v8xpt)

export sasxport8

File > Export > SAS XPORT Version 8 (*.v8xpt)

Syntax

Import SAS XPORT Version 8 Transport file into Stata

```
import sasxport8 filename [ , import_options ]
```

Export data in memory to a SAS XPORT Version 8 Transport file

```
export sasxport8 filename [ if ] [ in ] [ , export_options ]
```

```
export sasxport8 varlist using filename [ if ] [ in ] [ , export_options ]
```

If *filename* is specified without an extension, .v8xpt is assumed. If *filename* contains embedded spaces, enclose it in double quotes.

<i>import_options</i>	Description
<code>case(lower upper preserve)</code>	read variable names as lowercase or uppercase; the default is to preserve the case
<code>clear</code>	replace data in memory

collect is allowed with import sasxport8; see [U] 11.1.10 Prefix commands.

<i>export_options</i>	Description
Main <code>replace</code>	overwrite files if they already exist
<code>vallabfile</code>	save value labels in SAS command file

Options for import sasxport8

`case(lower | upper | preserve)` specifies the case of the variable names after import. The default is `case(preserve)`.

`clear` specifies that it is okay to replace the data in memory, even though the current data have not been saved to disk.

Options for export sasxport8

Main

`replace` permits export sasxport8 to overwrite the existing *filename*.v8xpt.

`vallabfile` specifies that the value labels be written into a SAS command file, *filename*.sas, containing SAS proc format and related commands. Thus, export sasxport8 creates two files: *filename*.v8xpt, containing the data, and *filename*.sas, containing the value labels. SAS users may wish to edit the resulting *filename*.sas file to change the “libname datapath” and “libname xptfile xport” lines at the top to correspond to the location that they desire. export sasxport8 sets the location to the current working directory at the time export sasxport8 was issued. No .sas file will be created if there are no value labels.

Remarks and examples

To save the data in memory as a SAS XPORT Version 8 Transport file, type

```
. export sasxport8 filename
```

To read a SAS XPORT Version 8 Transport file into Stata, type

```
. import sasxport8 filename
```

Stata will read into memory the XPORT file *filename.v8xpt* containing the data.

To demonstrate the use of `export sasxport8` and `import sasxport8`, we will first load `auto.dta` and export these data to a SAS V8XPORT named `auto.v8xpt`:

```
. use https://www.stata-press.com/data/r18/auto
(1978 automobile data)
. export sasxport8 auto
file auto.v8xpt saved
```

We can export a subset of the data that includes only the variables `make`, `mpg`, and `weight` to a file named `auto_sub.v8xpt`.

```
. export sasxport8 make mpg weight using auto_sub
file auto_sub.v8xpt saved
```

Now, we import the data from `auto_sub.v8xpt` that we just created.

```
. import sasxport8 auto_sub, clear
(3 vars, 74 obs)
. describe
```

```
Contains data
Observations:      74                1978 automobile data
Variables:         3
```

Variable name	Storage type	Display format	Value label	Variable label
make	str17	%17s		Make and model
mpg	byte	%10.0g		Mileage (mpg)
weight	int	%15.4g		Weight (lbs.)

```
Sorted by:
```

```
Note: Dataset has changed since last saved.
```

Stored results

`import sasxport8` stores the following in `r()`:

Scalars

```
r(N)    number of observations imported
r(k)    number of variables imported
```

Also see

[D] [import sas](#) — Import SAS files

[D] [import sasxport5](#) — Import and export data in SAS XPORT Version 5 format

[D] [export](#) — Overview of exporting data from Stata

[D] `import` — Overview of importing data into Stata

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